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Docket No.: 02650/100H399-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: Marc E. WEKSLER, et al..

Serial No.: 10/099,880

Art Unit: 1646

Filed: March 14, 2002

Examiner: O. Chernyshev

For: **ANTI-AMYLOID PEPTIDE ANTIBODY BASED DIAGNOSIS AND TREATMENT OF A NEUROLOGICAL DISEASE OR DISORDER**

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated September 22, 2003, please enter the following

in the above-identified application:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on

page 3 of this paper.

Remarks/Arguments begin on page 7 of this paper.

AMENDMENT TO THE SPECIFICATION

On page 31, lines 1-14, please replace paragraphs one and two with the following amended paragraph:

The invention provides a method for assessing risk of a neurodegenerative disease or disorder in a subject. The method comprises comparing a level of anti-~~amyloid peptide~~ β-amyloid-42 (Aβ42) antibody in a biological sample from a subject to a normal level, wherein a lower level in the biological sample from the subject indicates the risk ~~presence~~ of the disease or disorder. In a specific embodiment, the disease or disorder is Alzheimer's Disease (AD)~~; in a further specific embodiment, the amyloid peptide is β-amyloid-42 (Aβ42).~~

~~In addition, the discovery that certain neurodegenerative diseases or disorders are associated with a deficiency of anti-amyloid antibodies provides a method of treating such a disease or disorder in a subject. This method comprises administering a therapeutically effective amount of a human anti-amyloid-peptide antibody to a subject believed to suffer from the immune deficiency or disorder. For example, the disease or disorder can be Alzheimer's Disease (AD). In such an embodiment, the amyloid peptide can be β-amyloid-42 (Aβ42).~~